Document No.: 233-UM-002

Document Type: User Manual

S911 Personal Locator V4
Quick Start Manual

Version 1.1

April 16, 2012

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Release History

Revision	Date	Content
1.0	2012/04/12	It is initial release
1.1	2012/04/13	Add section “activation and inactivation of your unit”
1.11	2012/04/16	Revise section 2.2 to add more description for charging process

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8. Go to LocationNow

9. Introduction to function buttons and their working behavior

10. LED indicator and its relation to unit's working status

1. Knowing about your S911 Personal Locator V4

The following illustrations show the locations and names of the physical features:

H. Power On/Off

B. Button 1

G. Button 2

J. Button 3

I. Shift-

When being pressed in conjunction with button 1, 2, or 3, the S-911 V4 performs alternate operations associated with those combinations of buttons.

F. Battery Charging LED Indication

E. GPS LED Indication

D. GSM/GPRS LED Indication

A. GPS Antenna

C. Speaker

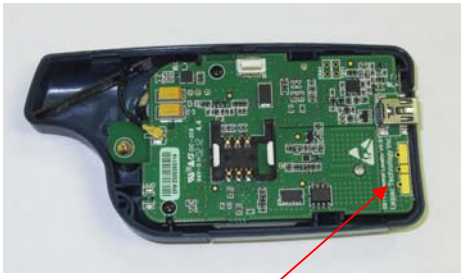
L. Microphone

M. USB connector for charging/Data Port

2. Getting Started

2.1 Requested by the operation of unit

- AC-DC power adapter
- USB charging/programming Cable
- PC running Windows O.S.
- An activated SIM card with the requested GSM/GPRS service plan



Non-Contact Battery inhibiter slip

2.2 Charging the Battery

Before using the S-911 Personal Locator V4 (S911 PL V4), user needs charge his unit's battery. Be sure to open the unit first and remove the inhibiter slip covering the battery connectors. In user's daily use, to speed up the unit's charging process, it is recommended that user should turn off the unit first, then, connect AC-DC power adaptor to unit through USB cable.

To charge the battery, plug the AC-DC adaptor into a wall outlet, then plug the charger's cable into the USB connector of the S-911, as shown in the picture. The Battery Status LED will turn to solid RED during charging and turn off when battery is fully charged. The whole charging process may last 3 to 4 hours to have the battery to be fully charged.

Note: If unit keeps flashing its 3 read LEDs, it means that this unit has not been configured after its leaving factory or upgrading new firmware

2.3 Installation of the SIM Card

A valid SIM (Subscriber Identity Module) card must be provided by the user in order to use this device. Your GSM Mobile phone carrier will give you one when you subscribe to either a contract or non-contract agreement.

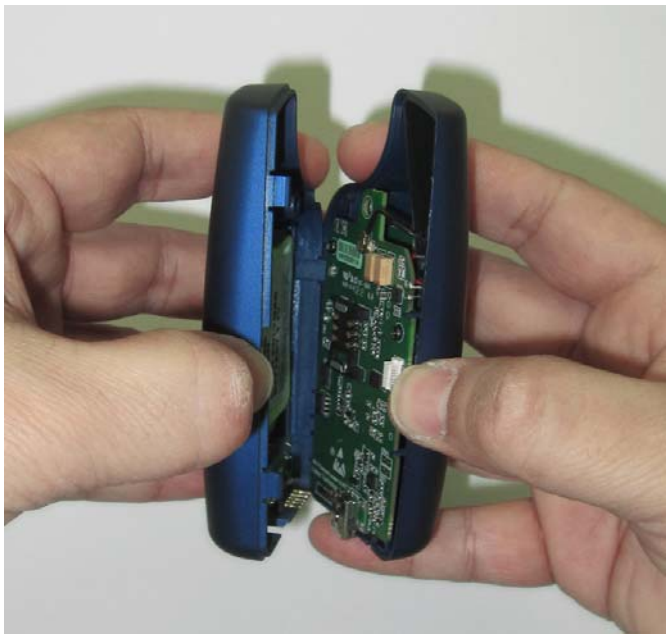
The SIM card must be a 3V SIM. The S-911 personal locator is not compatible with the older 5V version SIM cards.

***Notes**: Your provider for location based service may supply you with an S-911 Personal Locator which has a SIM card already inside. If so, do not open the case or the warranty may be void. The S-911 Personal Locator is designed to be a robust and anti-vandalism personal safety device. It is unlike a cell phone where the battery may be easily removed. The user will find that in most situations, the SIM card has been installed by the distributor or service provider along with a warranty seal.*

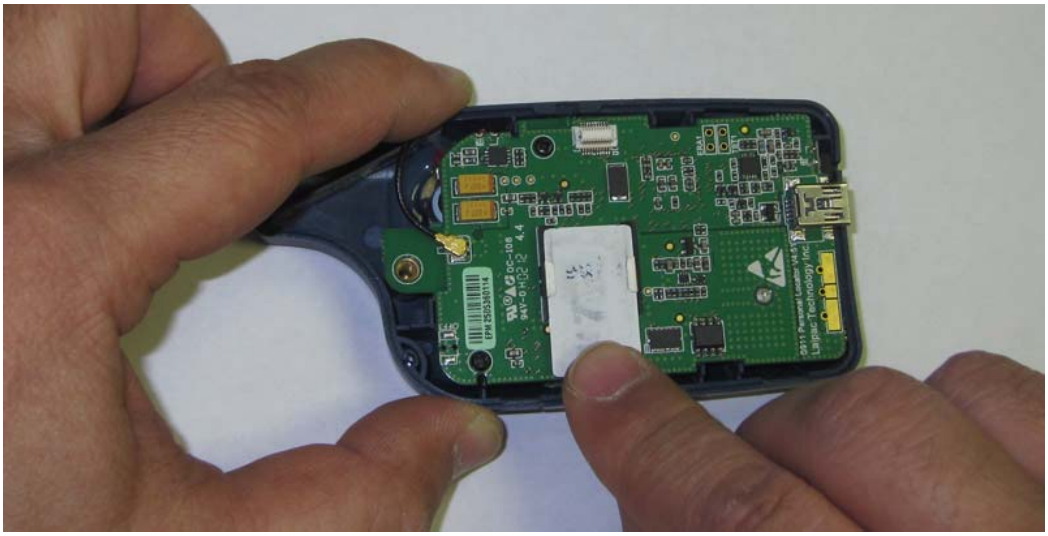
If you need to insert a SIM card into your unit, follow the steps below:

Step1. Remove the main screw

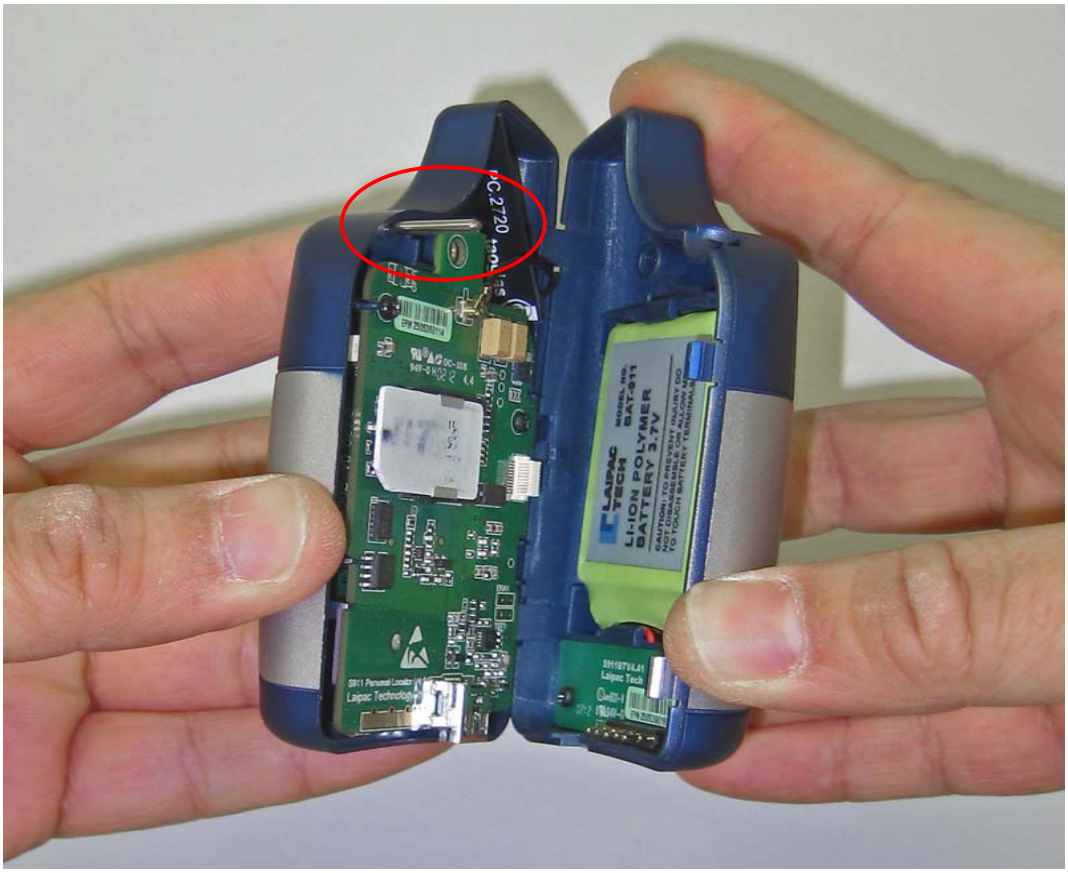
Step 2. Use your fingers to open the case as shown in the picture below



Step 3. Follow the pictures for the placement of the SIM card



Step 4. Close the case carefully and replace the main screw.



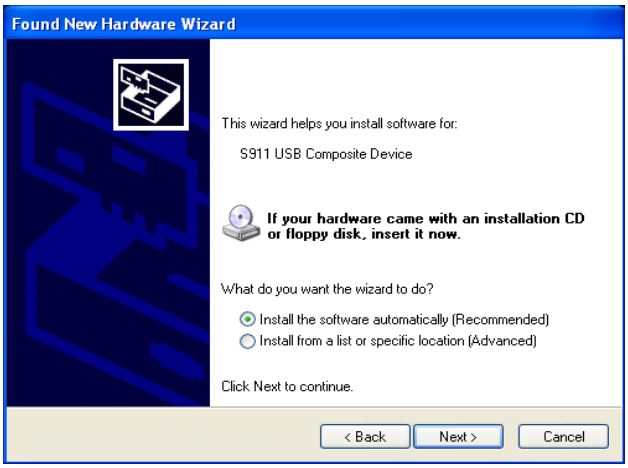
3. Installation of USB driver

The S-911 PL V4, with charged battery and activated SIM card installed, is connected to your computer using the USB cable. Reset (Press +) S911 V4.

If you get a "Found New Hardware" message, click the "*Yes, this time only*" then click "*Next*". This is for the configuration of the USB interface.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

If the Wizard appears again select "*Install the software automatically*" then click "*Next*". This is for the configuration of the virtual COM port.


Found New Hardware Wizard
This wizard helps you install software for:
S911 USB Composite Device
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

The device will be detected and will come up with another Windows digital signing warning message just click "*Continue Anyway*" then click "*Finish*".

4. Installation of Utility

4.1 How to Get your utility

User can download this utility program package to your PC by using the web link provided by Laipac. This utility is a compressed file with suffix ".7z" or ".zip", such as, "setupBE1.3.exe.7z".

Decompress it to get the configuration utility program "setupBE1.3.exe"

4.2 Installation of utility

Run "setupBE1.3.exe".

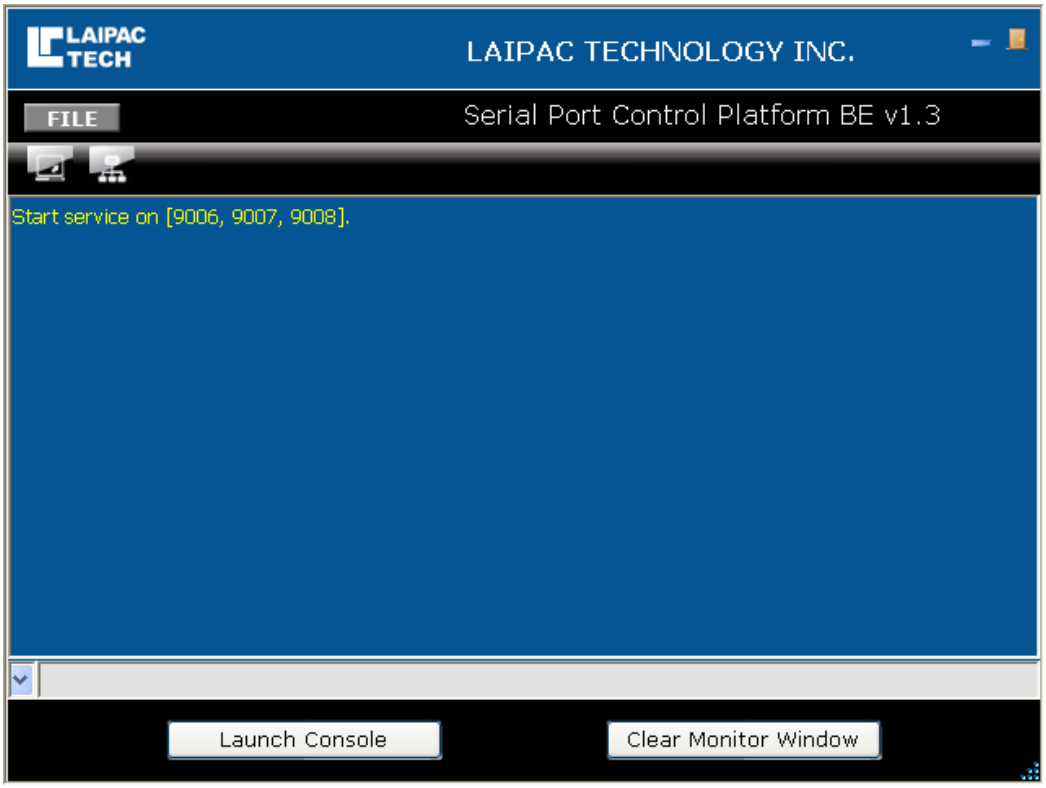
Follow "Setup Wizard" instruction, click "Next", step by step, you will complete the installation of configuration.

5. Activation and inactivation of your unit

To meet shipping request, the unit is set to inactivation status when it left factory. It is user's responsibility to activate his device and let it enter into working mode. On the other hand, user also can set unit back to its inactivation status.

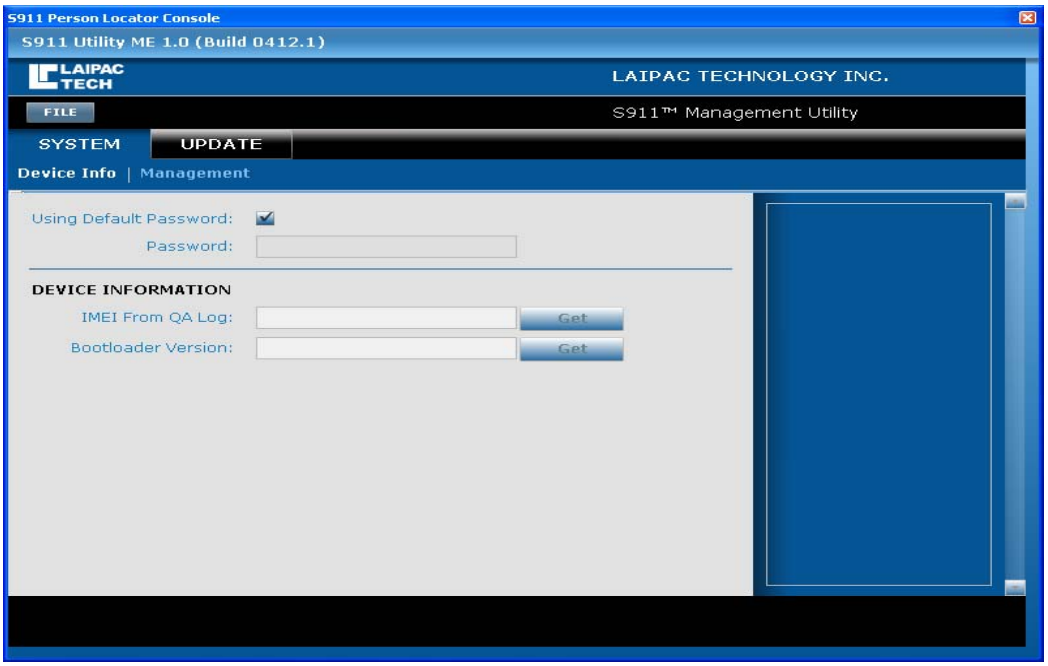
5.1 Starting Laipac Platform BE

A. Double click icon "Laipac Platform BE" on PC's desktop, or
B. Go to Windows' Start → All Programs → Laipac Platform BE → Laipac Platform BE

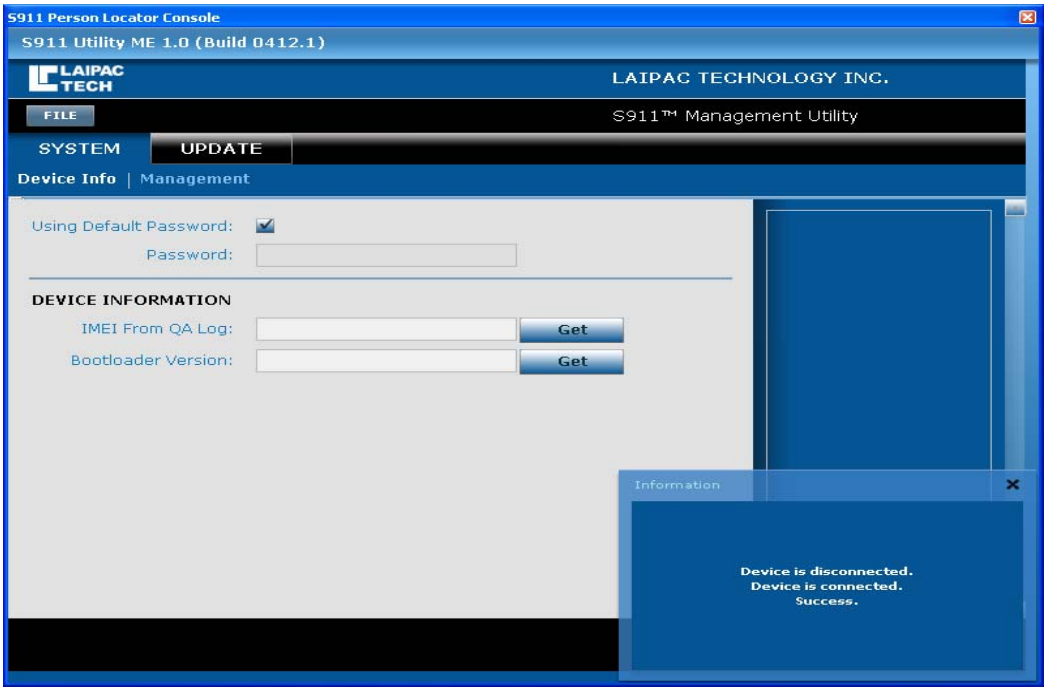


5.2 Enter into S911 PL V4 manage utility

A. Go to Windows' Start → All Programs → Laipac Platform BE → S911 manage

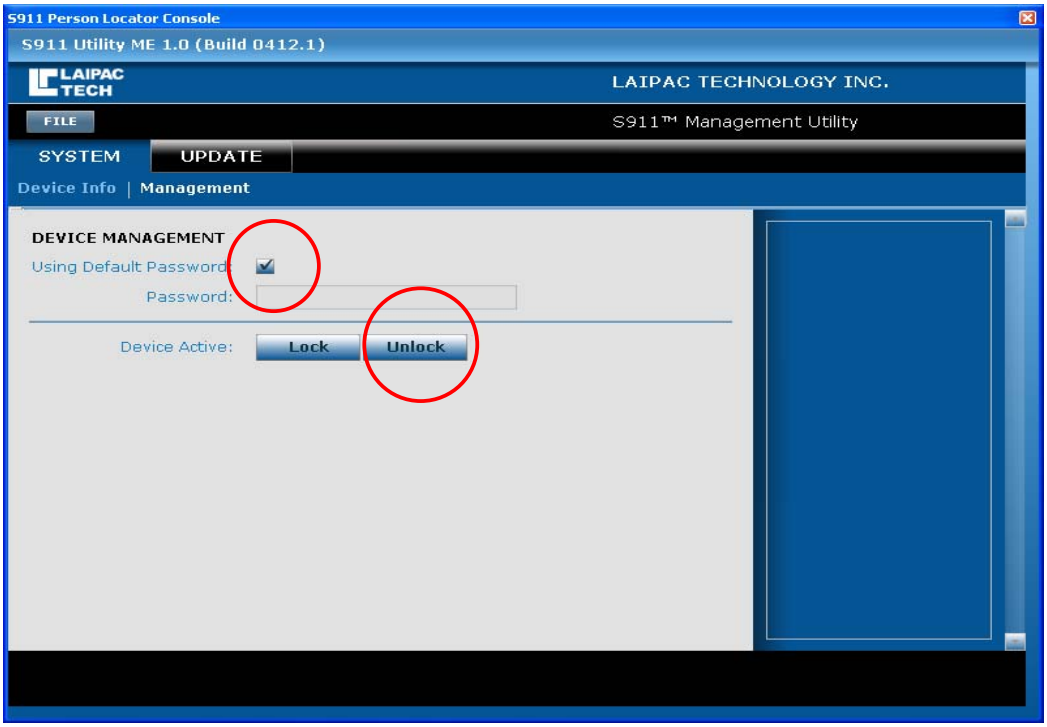


B. Connect S911 PL V4 unit to PC through the USB cable and power on the unit with DC +12V



C. Reset unit by pressing + you can see "Device is connected …… Success". Refer to fig. up

D. Select “SYSTEM → Management”



F. Keep “Using Default Password” item as shown in above, then click “Unlock” to activate this unit.

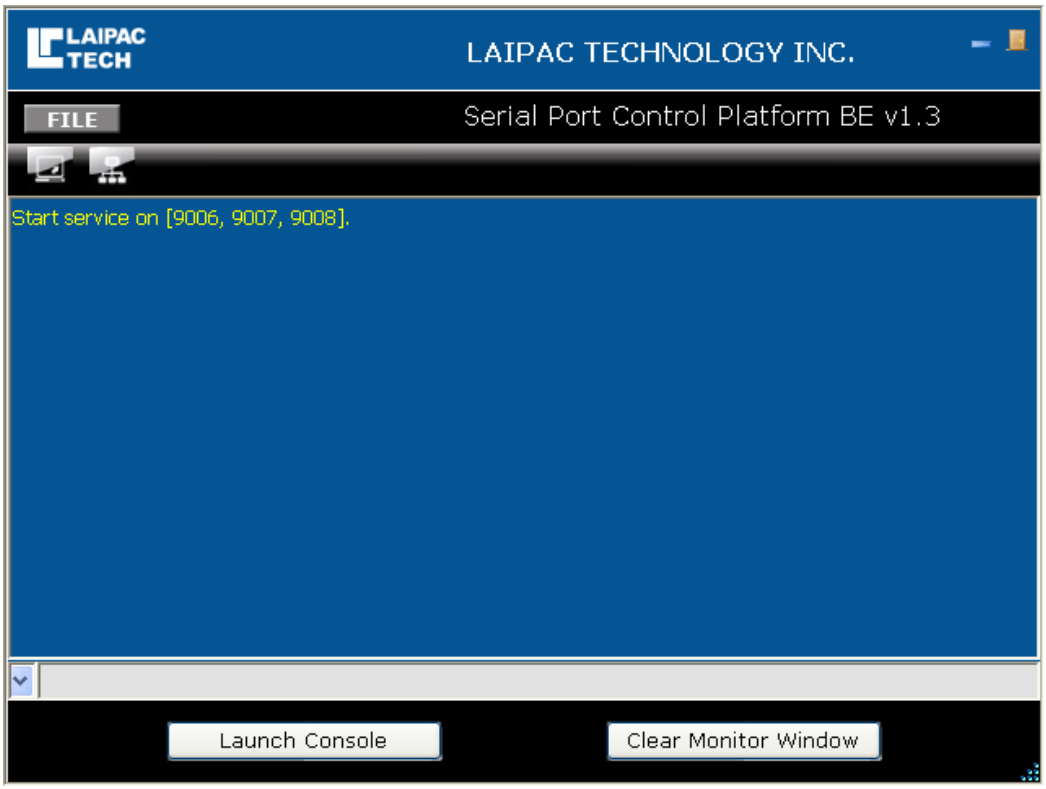
G. If it is a successful operation, user can get prompt “Unlock device completed”

H. Similarly, user can execute “Lock” to inactivate this unit.

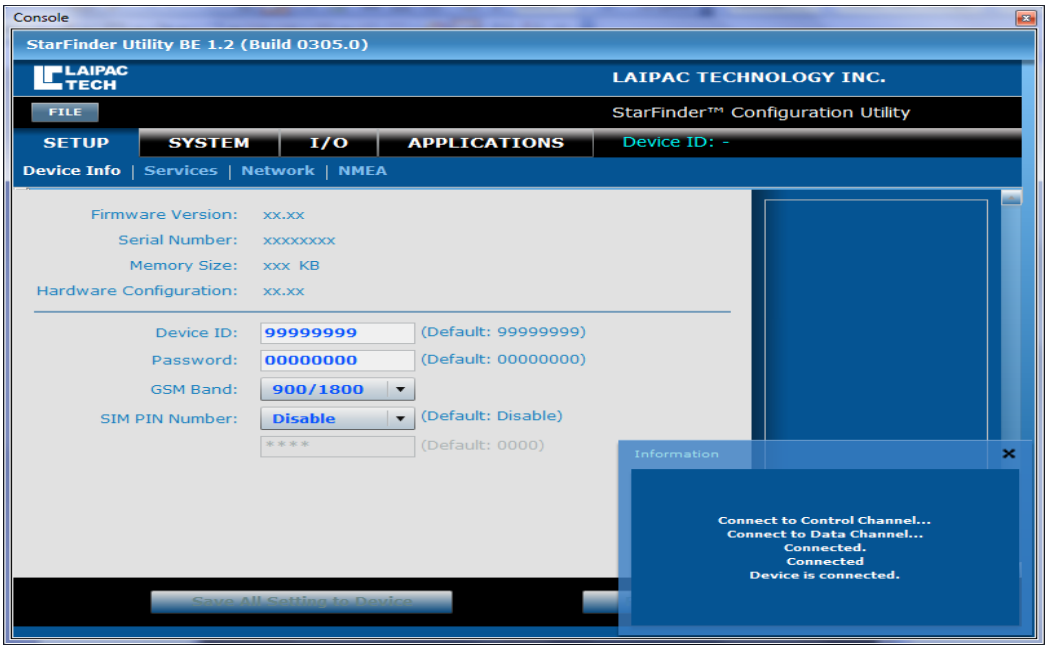
6. Configuration of your unit

6.1 Starting Laipac Platform BE

A. Double click icon “Laipac Platform BE” on PC’s desktop, or
B. Go to Windows’ Start → All Programs → Laipac Platform BE → Laipac Platform BE

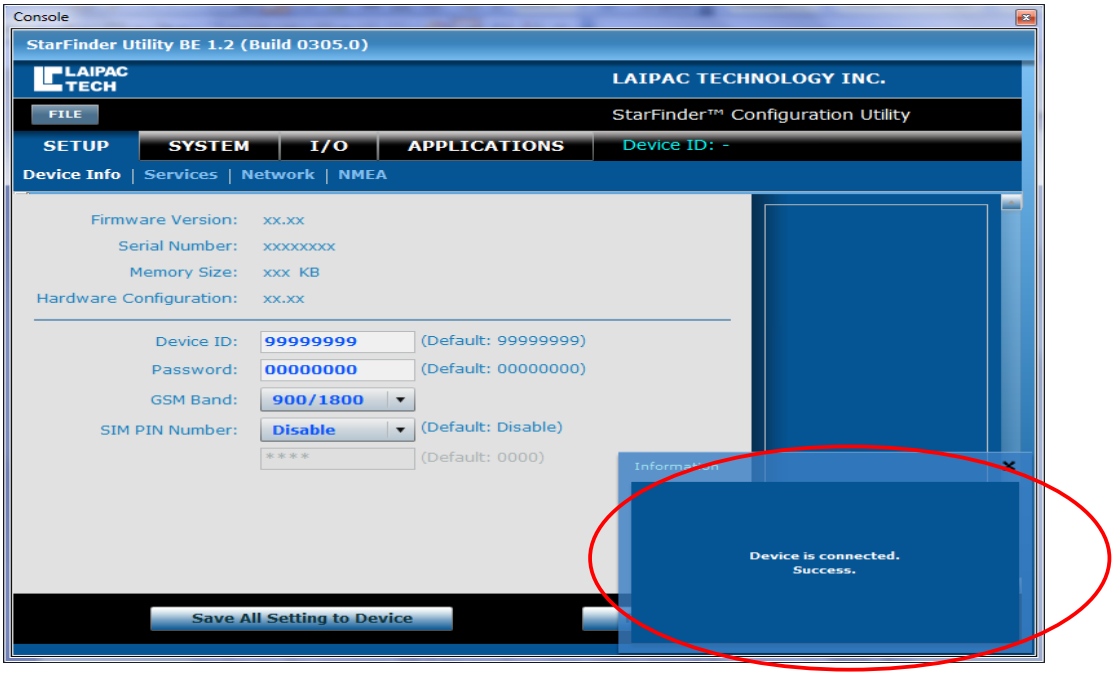


C. Click & to launch “S911 PL V4 Configuration Utility”
Or go to Windows’ Start → All Programs → Laipac Platform BE → S911 configure



E. Connect S911 PL V4 unit to PC through the USB cable and power on the unit with DC +12V

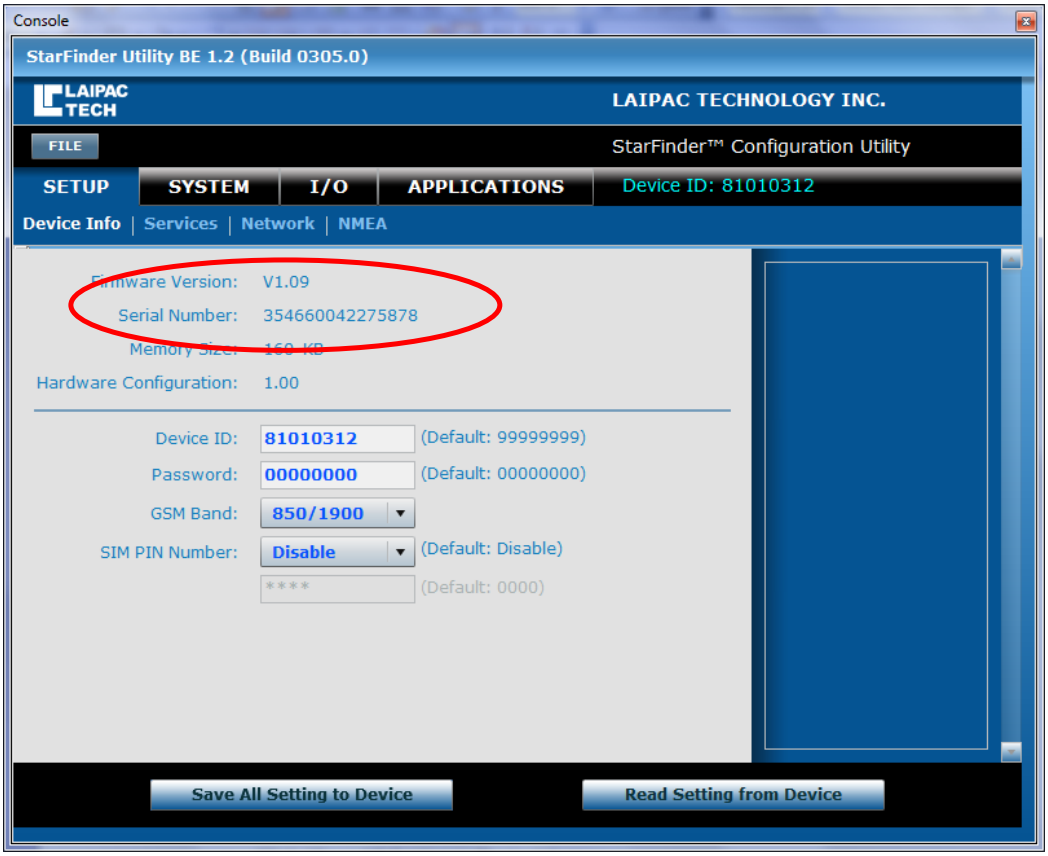
F. Reset unit by pressing + you can see "Device is connected …… Success". Refer to fig. below



6.2 Configuration of Unit

6.2.1. Read the unit's existing configuration

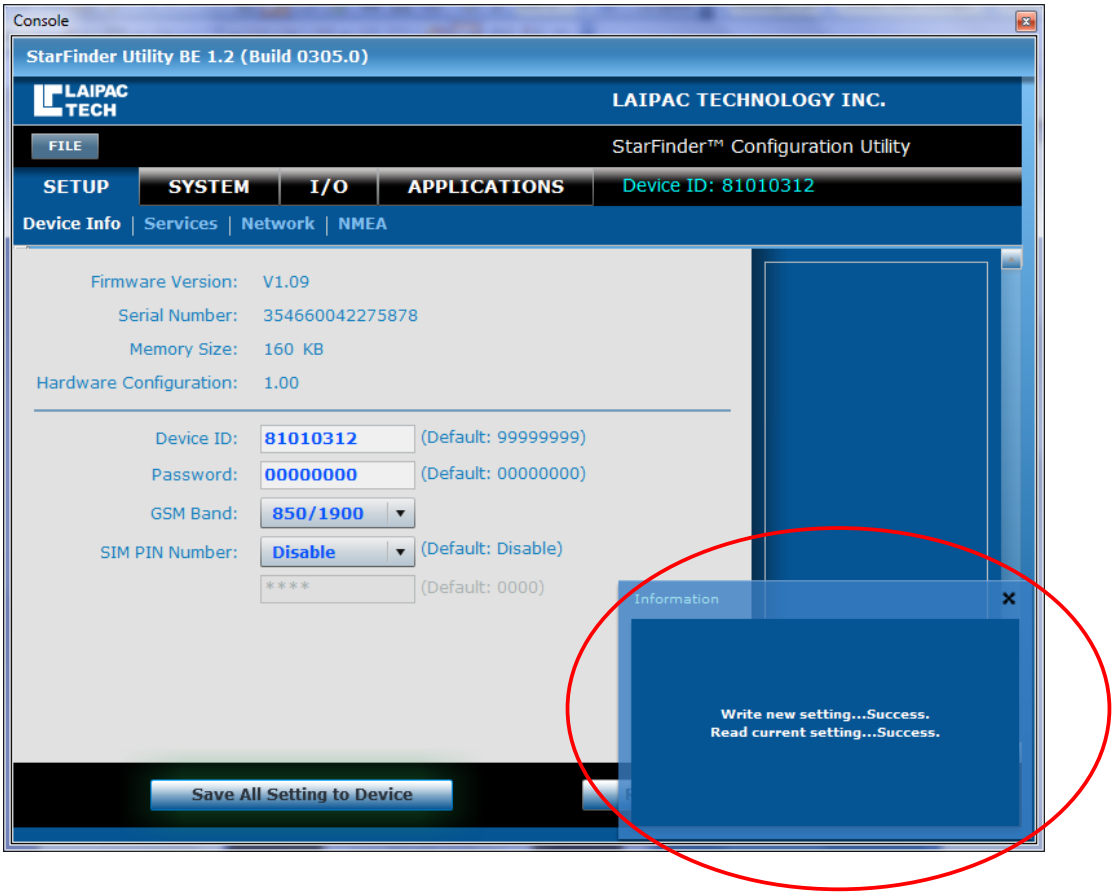
A. Click "Read Setting from Device" button.
B. If this operation is successful, the firmware Version and Serial No. should be shown on screen, refer to fig. below



6.2.2 Save unit's configuration

A. Click "Save All Setting to Device" button

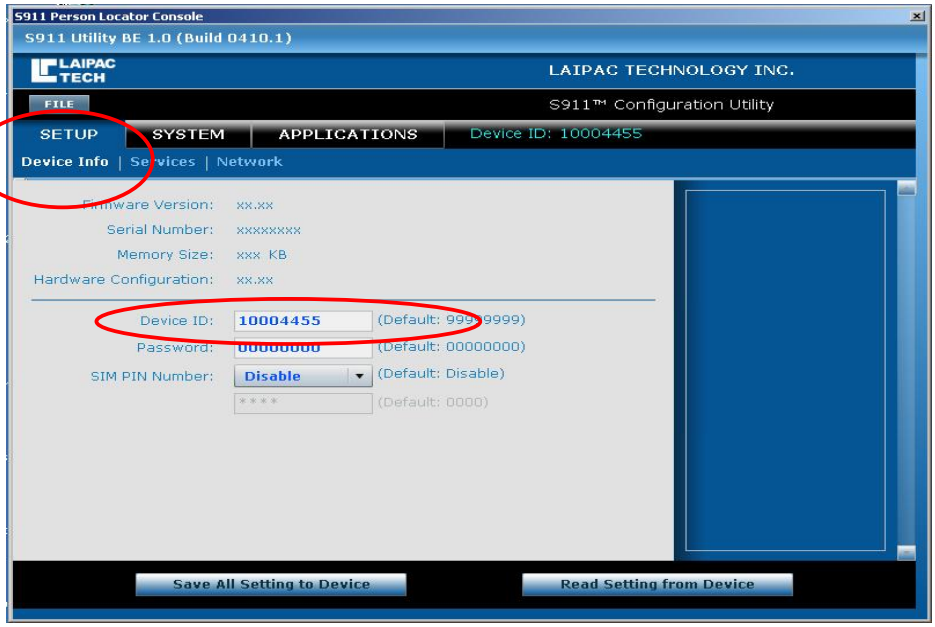
B. Utility should write the edited configuration into unit and read it back to double check if this writing process is successful. If it is OK, Operator should see "Writing new setting … Success". See fig. below



7. Key setting items of configuration process

To ensure your unit is able to access remote server, such as Laipac's LocationNow service platform, some critical setting items are described in this section.

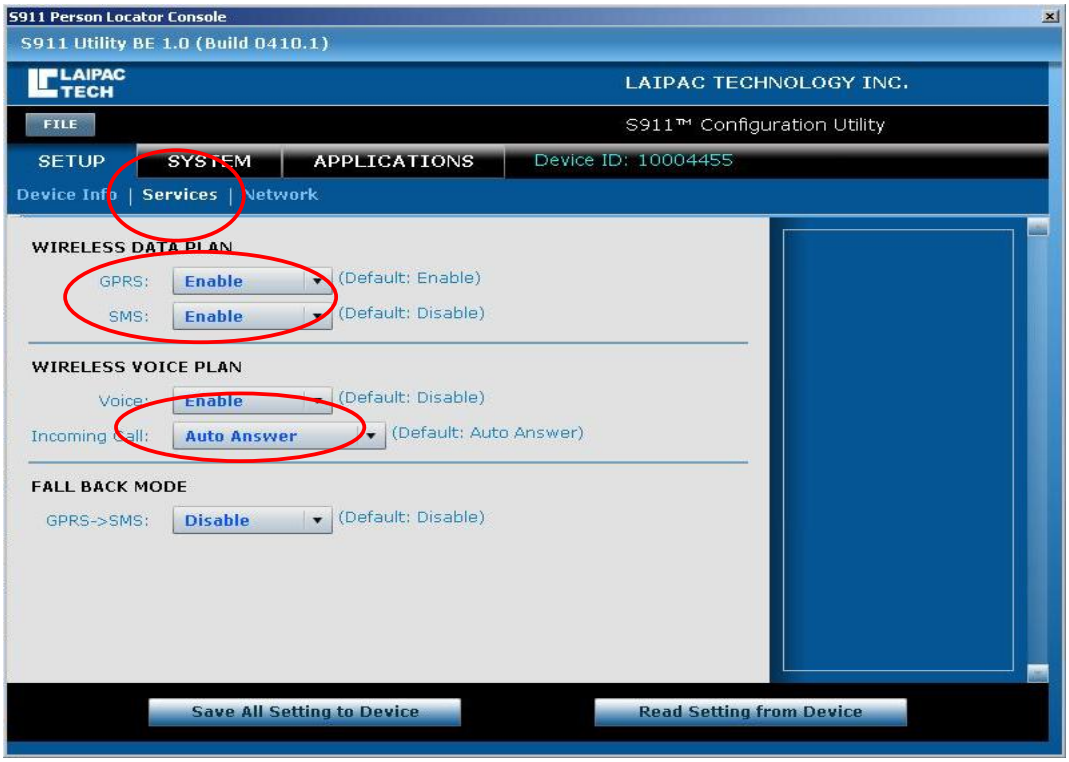
7.1 SETUP → Device ID & Password



Device ID: Specific unit identifier that identifies your device for online tracking. You can locate the Device ID on your Identity Leaflet or more accurately in your user account on the website www.LocationNow.com.

Password: Used to protect the Starfinder Lite from other people affecting its operation with SMS commands. You can locate the Password on your Identity Leaflet.

7.2 SETUP → Service selection



Wireless Data Plan — This section governs the default GSM connection settings or what the unit will connect to first.

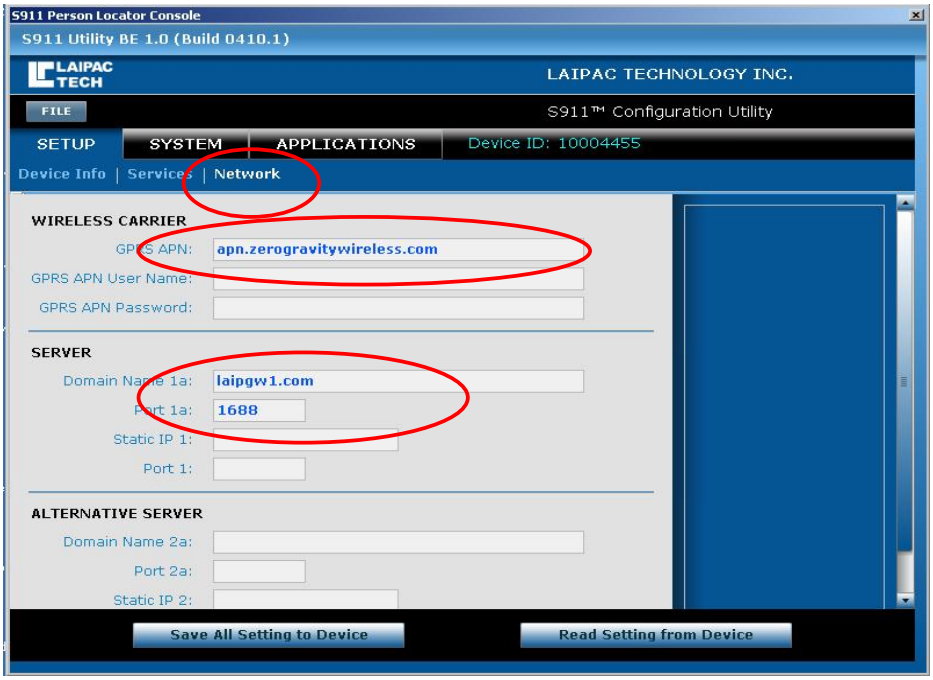
GPRS: — If you are using LocationNow tracking services, this must be enabled. GPRS mode tells the device it will be transmitting its information across the internet.

SMS: — If you are tracking service based on Short Message System rather than LocationNow, SMS mode should be enabled. It tells the device to transmit its information to another SMS device.

Wireless Voice Plan — This section initializes the voice option in the Starfinder Lite.

Voice: — Originally, this setting is designed to tell unit if the existing SIM card is with voice calling enabled. Currently, unit has always enabled this setting actively. Of course, i**f you are using SIM card without Voice Plan, no calling or voice communication can be accomplished.**

7.3 SETUP → Network setting



Wireless Carrier — This section covers the information required by the unit to access your carrier's Access Point.

GPRS APN: The Access Point Name is used by your SIM card to connect to the GPRS network. The Access Point is the carrier's server through which the traffic becomes converted from GSM to GPRS Internet traffic. Check with your SIM Card provider for this item.

User Name: The user name authorises your SIM card to access your carrier's Access Point. It could be blank in most of case.

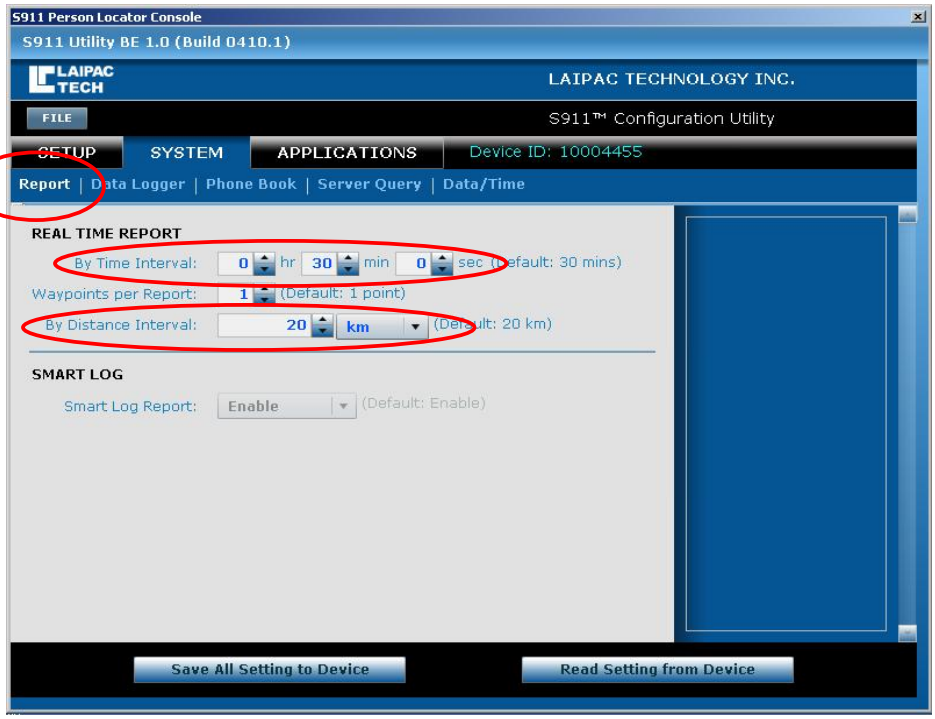
Password: The password authenticates your SIM card to access your carrier's Access Point. It could be blank in most of case.

Server — This section governs the destination end point for the GPRS traffic

Domain Name 1a: This is the domain name of the remote server. For www.LocationNow.com use **'laipgw1.com'**.

Port 1a: This is the Port used by the remote server with **Domain Name 1a.** For www.LocationNow.com , it should be **'1688'**.

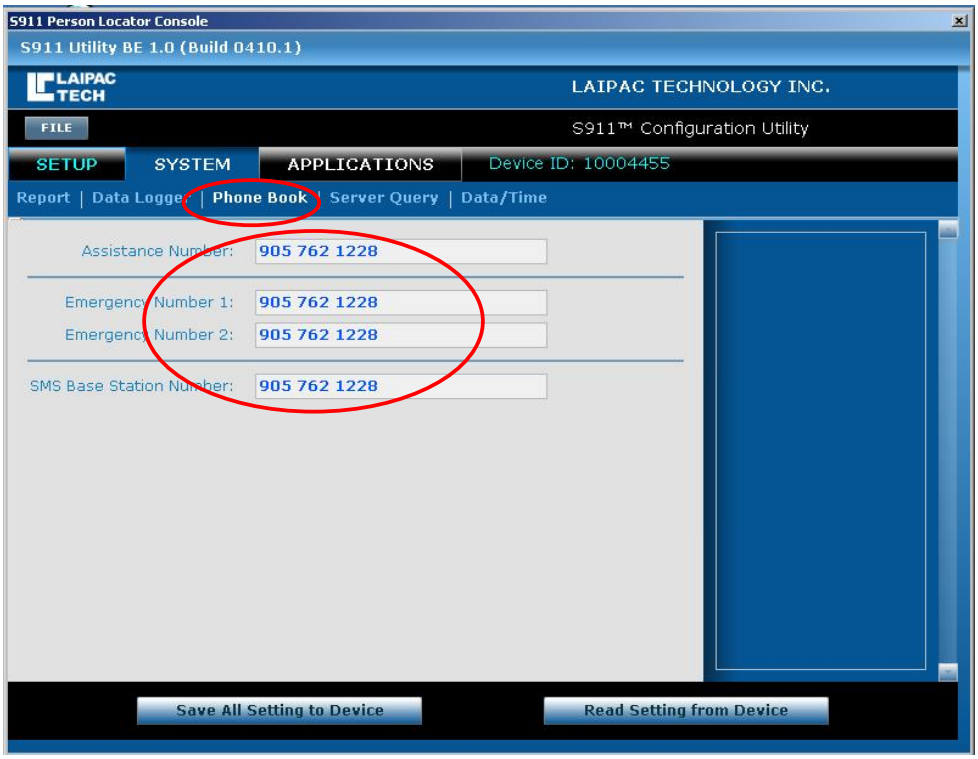
7.4 System → Report → REAL TIME REPORT


S911 Person Locator Console
S911 Utility BE 1.0 (Build 0410.1)
LAIPAC TECHNOLOGY INC.
FILE
S911™ Configuration Utility
SETUP
SYSTEM
APPLICATIONS
Device ID: 10004455
Report | Data Logger | Phone Book | Server Query | Data/Time
REAL TIME REPORT
By Time Interval: 0 hr 30 min 0 sec (Default: 30 mins)
Waypoints per Report: 1 (Default: 1 point)
By Distance Interval: 20 km (Default: 20 km)
SMART LOG
Smart Log Report: Enable (Default: Enable)
Save All Setting to Device
Read Setting from Device

Report and its setting:

This option allows you to specify how frequent the unit will send a position update. You can specify the report by time value in hours, minutes, and seconds. You can specify the report by distance value in kilometers, miles, or yards.

7.5 System → Phone Book



Assistance Number: When user presses the butt SOS + , the following actions will be executed.

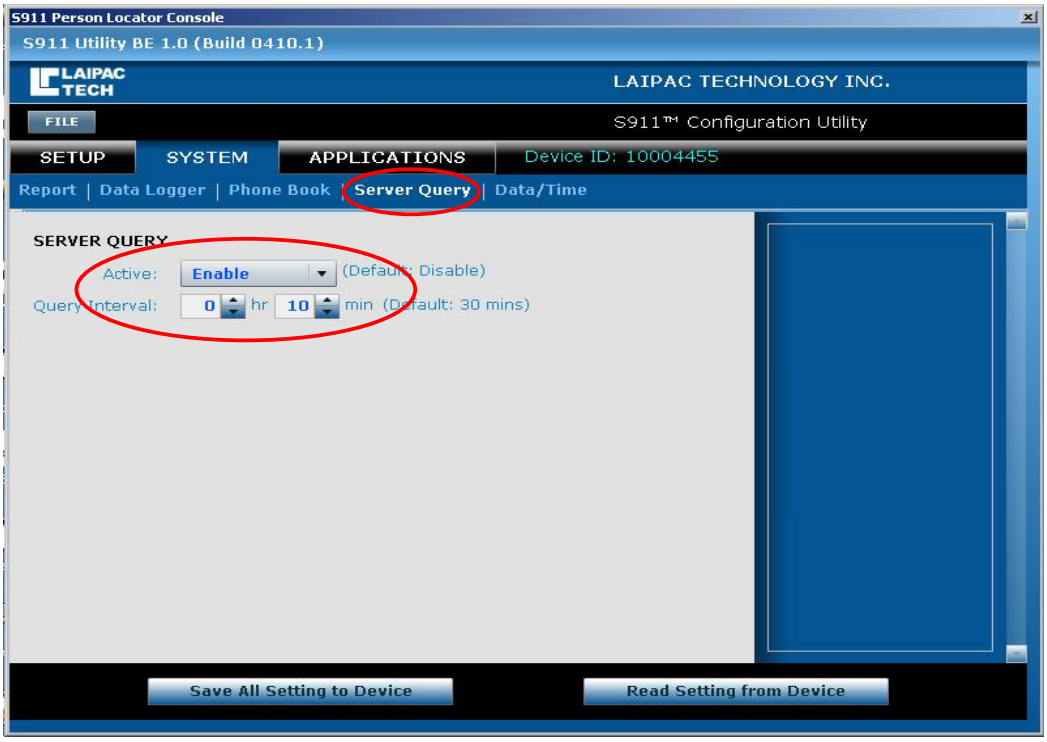
a. Send SOS/Panic alert message to remote server.
b. Send a SMS message to phone with Emergency No.1
c. Dial the phone with Assistance Number

Emergency No.1: When user presses the button , unit will dial the phone with Emergency No.1

Emergency No.2: When user presses the button , unit will dial the phone with Emergency No.2

SMS Base Station: The SMS Base Station Number is used when the unit is operating in SMS mode. All of the waypoints and alert messages will be sent to the SMS Base Station Number. This number aslo can belong to a cell phone, an SMS modem or any SMS device.

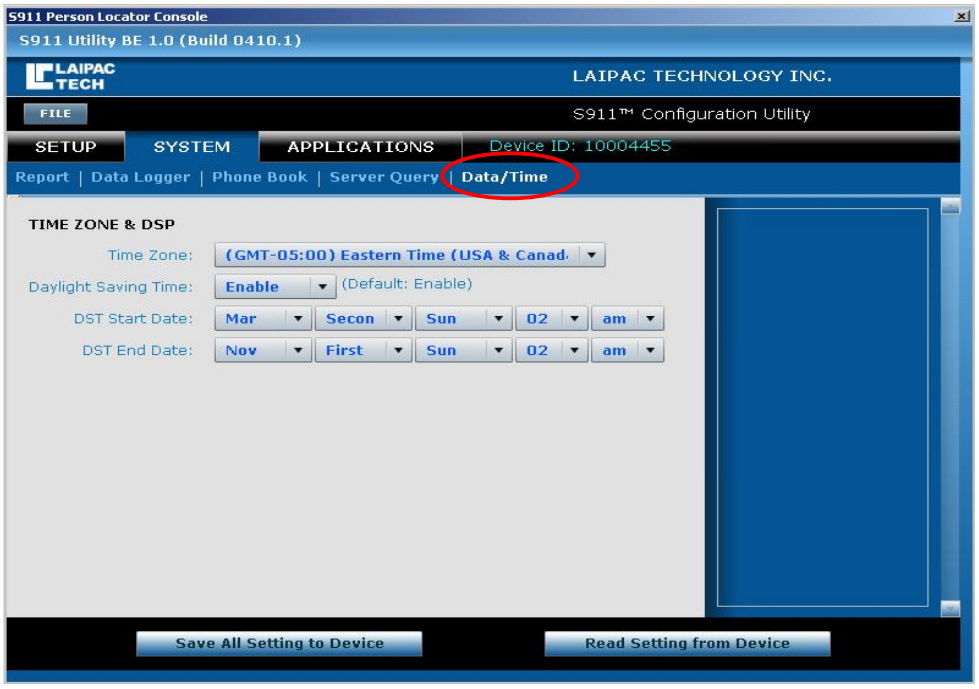
7.6 System → Server Query



Server Query: Used as a GSM keep alive and tests the connection status of the Starfinder Lite. This setting must be enabled first.

Query Interval: The actual interval in which the Starfinder Lite tests the connection between the GPRS server and itself. If there is no server response to the message the Starfinder Lite sends out, the unit will reset and try to resynchronize.

7.7 System → Data/Time



Time Zone: Use this to select your time zone so that the device knows your local time.

Note:

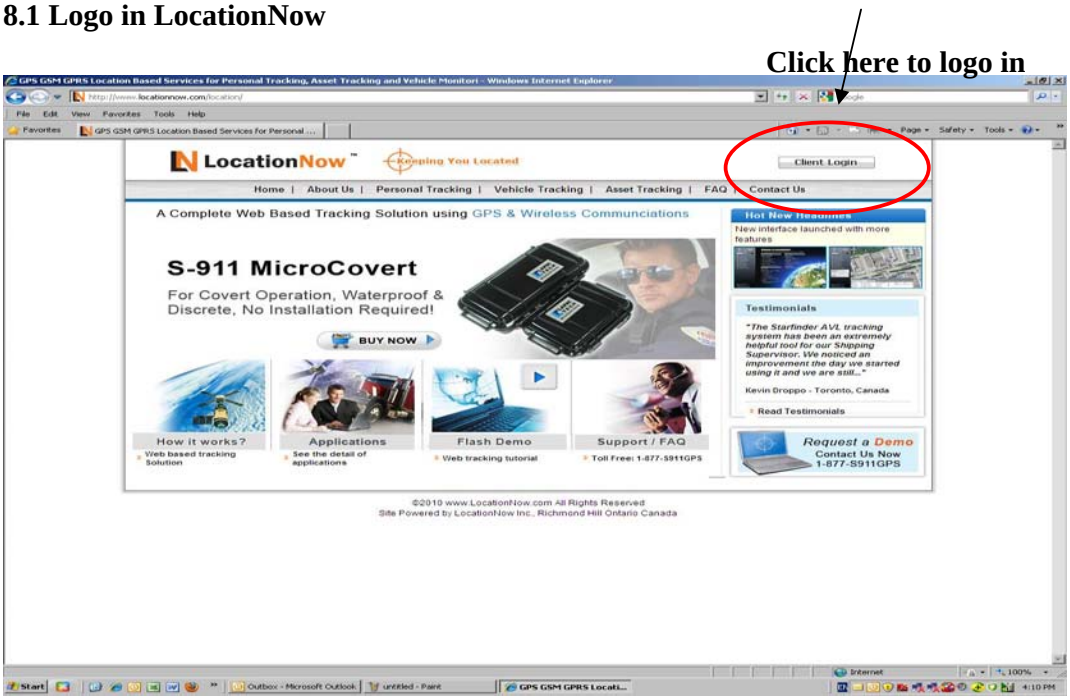
The other setting items not mentioned here could be left as using their default setting at user's first try. For their detail definition, user can refer to S911 PL V4 user manual.

8. Go to LocationNow

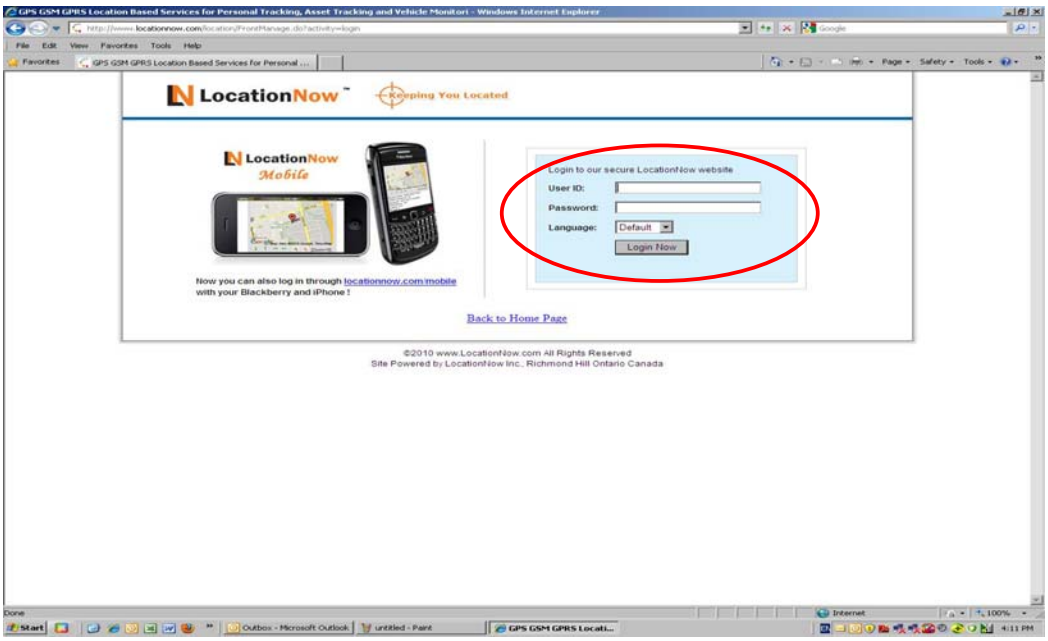
Now, you can use your S911 V4 to access your location based service platform, such as Laipac's LocationNow, http://www.locationnow.com/location/

8.1 Logo in LocationNow

Click here to logo in

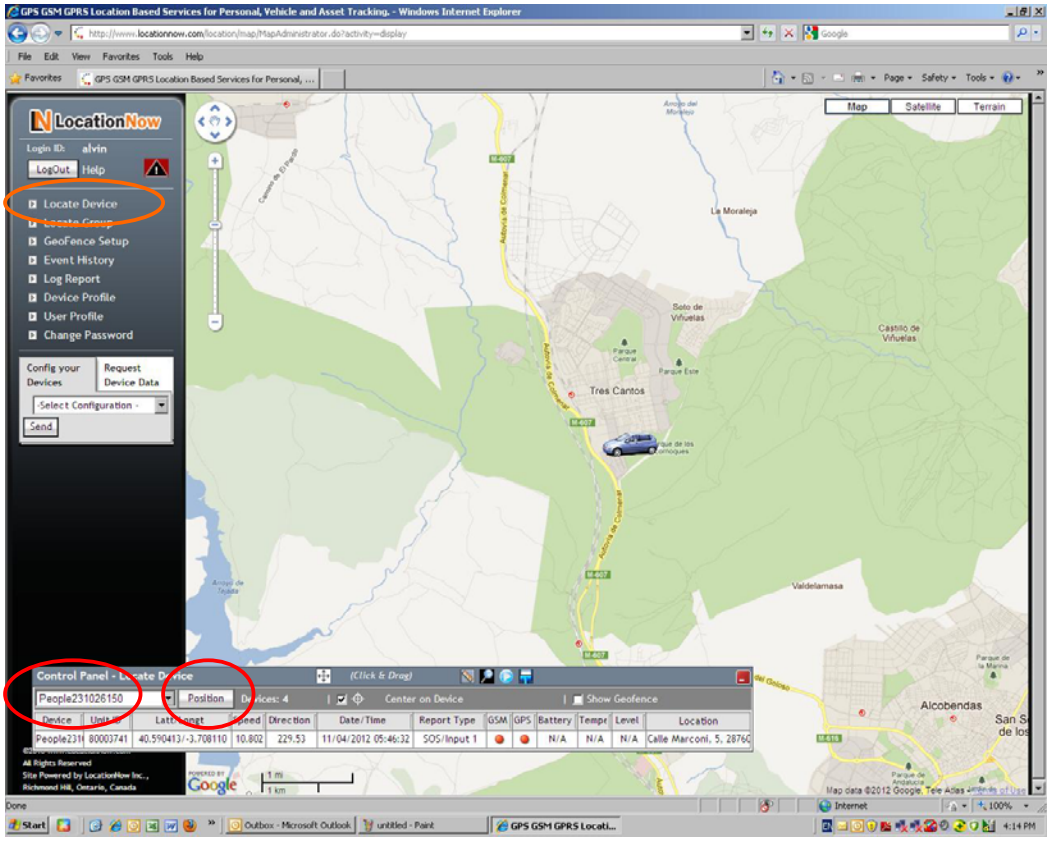

LocationNow
Keeping You Located
Client Login
Home | About Us | Personal Tracking | Vehicle Tracking | Asset Tracking | FAQ | Contact Us
A Complete Web Based Tracking Solution using GPS & Wireless Communciations
S-911 MicroCovert
For Covert Operation, Waterproof & Discrete, No Installation Required!
BUY NOW
Hot New Features
Testimonials
How it works?
Applications
Flash Demo
Support / FAQ
Request a Demo
Contact Us Now
1-877-S911GPS
©2010 www.LocationNow.com All Rights Reserved
Site Powered by LocationNow Inc., Richmond Hill Ontario Canada

Input your User name and Password



8.2 Request your unit's position

Locate device→ Select Tracking Device → pick your unit from the pull down list → Click "Position" to find your unit on the Map



9. Introduction to function buttons and their working behavior

H. Power On/Off

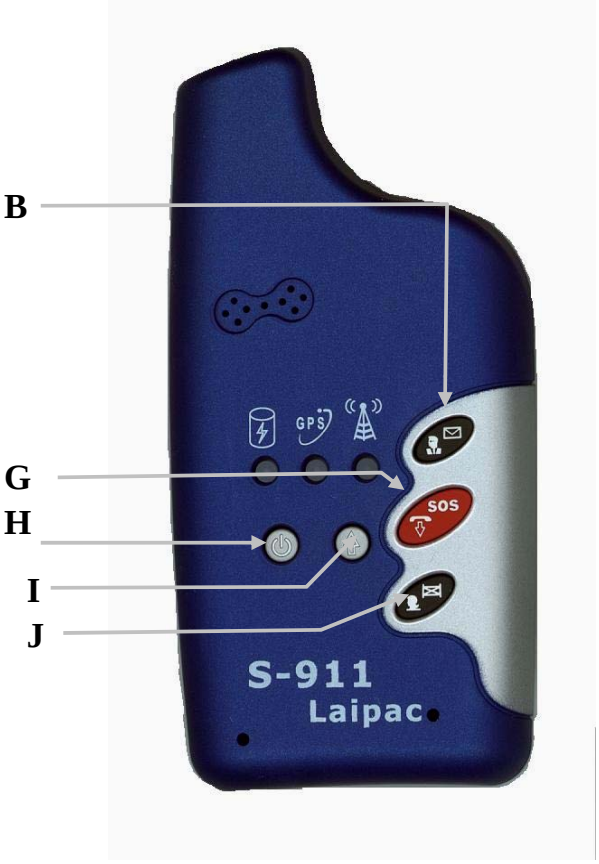
B. Button 1

G. Button 2

J. Button 3

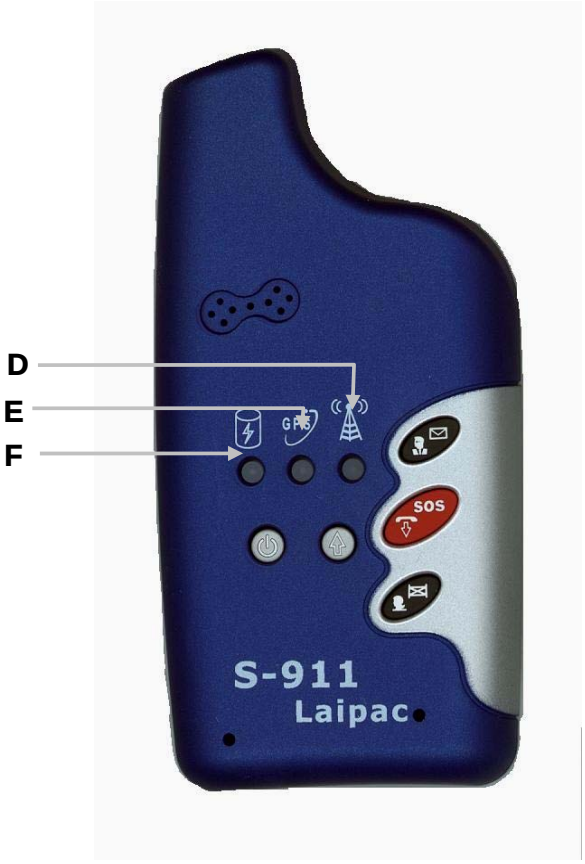
I. Shift-

When being pressed in conjunction with button 1, 2, or 3, the S-911 performs alternate operations associated with those combinations of buttons.



Button	Function	Description	Mode
	Power	Power on/off the unit hold for 3 seconds	SMS GPRS
		Reset unit	SMS GPRS
	Speed Dial	Press to call emergency number 1	SMS GPRS
	Speed Dial	Press to call emergency number 2	SMS GPRS
	Hang up	Answer an incoming call, press	SMS GPRS
		Press followed by to send an emergency report to assistance number	SMS GPRS
		To set/clear the user Geo-Fence, press followed by	SMS GPRS
		To send a text message with your position, press followed by	SMS
		Send a position report to the control centre	GPRS

10. LED indicator and its relation to unit's working status



a. Battery Charging LED Indication

b. GPS LED Indication

c. GSM/GPRS LED Indication

***Note:**

When unit is in its normal working condition and without any operation of its buttons for about 15 seconds, all LEDs will be turn off in order to save power. If user presses any of the buttons, and will be lighted on to indicate the unit's current working status.